Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108394.D
Acq On : 22 Aug 2018 20:17
Operator : JU/SJ
Sample : J4559-11MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081718-WSW-20-053MSD

Quant Time: Aug 23 02:17:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	147190	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	537476	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	248672	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	406762	20.00	ng		0.00
75) Chrysene-d12	14.21	240	243225	20.00	ng		0.00
86) Perylene-d12	15.77	264	247470	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1060455	130.44	ng		0.01
7) Phenol-d6	6.64	99	1445696	133.82	ng		0.00
23) Nitrobenzene-d5	7.57	82	939657	97.56	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	332192	133.92	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1403353	90.60	ng		0.00
78) Terphenyl-d14	13.13	244	982422	102.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	136326	32.634	ng		91
3) Pyridine	3.72	79	397012	36.893	ng		85
4) n-Nitrosodimethylamine	3.68	42	240977	39.796	ng		79
6) Aniline	6.67	93	326156	22.194	ng		97
8) 2-Chlorophenol	6.80	128	414874	45.309	ng		96
9) Benzaldehyde	6.56	77	295208	35.244	ng		99
10) Phenol	6.65	94	549309	49.154	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	412486	45.656	ng		93
12) 1,3-Dichlorobenzene	6.95	146	459150	43.368	ng		99
13) 1,4-Dichlorobenzene	7.02	146	466896	43.892	ng		99
14) 1,2-Dichlorobenzene	7.18	146	435074	43.971	ng		97
15) Benzyl Alcohol	7.14	79	407039	44.754	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	755143	40.573	ng		99
17) 2-Methylphenol	7.25	107	359589	45.794	ng	#	94
18) Hexachloroethane	7.51	117	167213	44.154	ng		96
19) n-Nitroso-di-n-propylamine	7.41	70	321950	44.068	ng		91
20) 3+4-Methylphenols	7.41	107	437760	43.504	ng	#	68
22) Acetophenone	7.41	105	608228	48.397	ng	#	93
24) Nitrobenzene	7.59	77	468368	48.087	ng		94
25) Isophorone	7.82	82	861110	46.904	ng		97
26) 2-Nitrophenol	7.90	139	186342	50.660	ng		91
27) 2,4-Dimethylphenol	7.93	122	378386	46.438	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	518671	48.395	ng		98
29) 2,4-Dichlorophenol	8.14	162	369922	49.333	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	382392	46.253	ng		98
31) Naphthalene	8.31	128	1180494	48.295	ng		99
32) Benzoic acid	7.99	122	15923	8.923	ng	#	85
33) 4-Chloroaniline	8.36	127	255734	24.008	ng		98
34) Hexachlorobutadiene	8.42	225	248409	47.464	ng		98
35) Caprolactam	8.73	113	75253	32.025	ng	#	74
36) 4-Chloro-3-methylphenol	8.84	107	379795	46.950	ng		98
37) 2-Methylnaphthalene	9.00	142	793782	45.900	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	396206	51.883	ng		97
40) Hexachlorocyclopentadiene	9.15	237	96562	19.577	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	259623	54.786 ng		99
43) 2,4,5-Trichlorophenol	9.32	196	273787	52.484 ng	#	94
45) 1,1'-Biphenyl	9.47	154	932870	50.880 ng		99
46) 2-Chloronaphthalene	9.50	162	721539	49.792 ng		99
47) 2-Nitroaniline	9.59	65	259395	55.323 ng		85
48) Acenaphthylene	9.91	152	1110685	48.482 ng		99
49) Dimethylphthalate	9.77	163	1150984	66.446 ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	180367	49.769 ng	#	86
51) Acenaphthene	10.09	154	661253	47.125 ng		99
52) 3-Nitroaniline	10.01	138	166881	42.086 ng		98
53) 2,4-Dinitrophenol	10.11	184	4050	9.745 ng	#	32
54) Dibenzofuran	10.26	168	968823	47.657 ng		97
55) 4-Nitrophenol	10.17	139	252392	84.056 ng		85
56) 2,4-Dinitrotoluene	10.24	165	231167	49.554 ng	#	92
57) Fluorene	10.60	166	760907	47.283 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	205044	47.027 ng	#	86
59) Diethylphthalate	10.47	149	822213	49.018 ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	385525	45.975 ng		93
61) 4-Nitroaniline	10.62	138	176801	45.098 ng		91
62) Azobenzene	10.75	77	759336	43.835 ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	8396	10.243 ng	#	80
65) n-Nitrosodiphenylamine	10.71	169	691165	57.500 ng		95
66) 4-Bromophenyl-phenylether	11.08	248	234907	53.141 ng	#	86
67) Hexachlorobenzene	11.15	284	227417	48.896 ng	#	89
68) Atrazine	11.24	200	212470	52.701 ng		95
69) Pentachlorophenol	11.35	266	187291	84.132 ng		98
70) Phenanthrene	11.58	178	1168662	60.914 ng		99
71) Anthracene	11.62	178	1008050	51.264 ng		99
72) Carbazole	11.78	167	832510	47.652 ng		100
73) Di-n-butylphthalate	12.09	149	1038509	52.479 ng		99
74) Fluoranthene	12.77	202	1204793	57.539 ng		96
76) Benzidine	12.88	184	58014	6.384 ng	#	89
77) Pyrene	13.01	202	1130830	73.437 ng		99
79) Butylbenzylphthalate	13.60	149	324964	53.146 ng	#	95
80) Benzo(a)anthracene	14.19	228	857749	61.449 ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	141331	28.253 ng		99
82) Chrysene	14.24	228	792945	61.963 ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	440948	53.253 ng		99
84) Di-n-octyl phthalate	14.78	149	739244	58.539 ng		97
85) Indeno(1,2,3-cd)pyrene	17.40	276	693323	62.528 ng	#	89
87) Benzo(b)fluoranthene	15.31	252	921488	62.316 ng		97
88) Benzo(k)fluoranthene	15.34	252	744169	54.746 ng		98
89) Benzo(a)pyrene	15.71	252	791080	59.742 ng		96
90) Dibenzo(a,h)anthracene	17.41	278	508115	46.377 ng	#	94
91) Benzo(g,h,i)perylene	17.90	276	561886	52.082 ng	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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